

LEARNING MANAGEMENT SYSTEM (LMS)

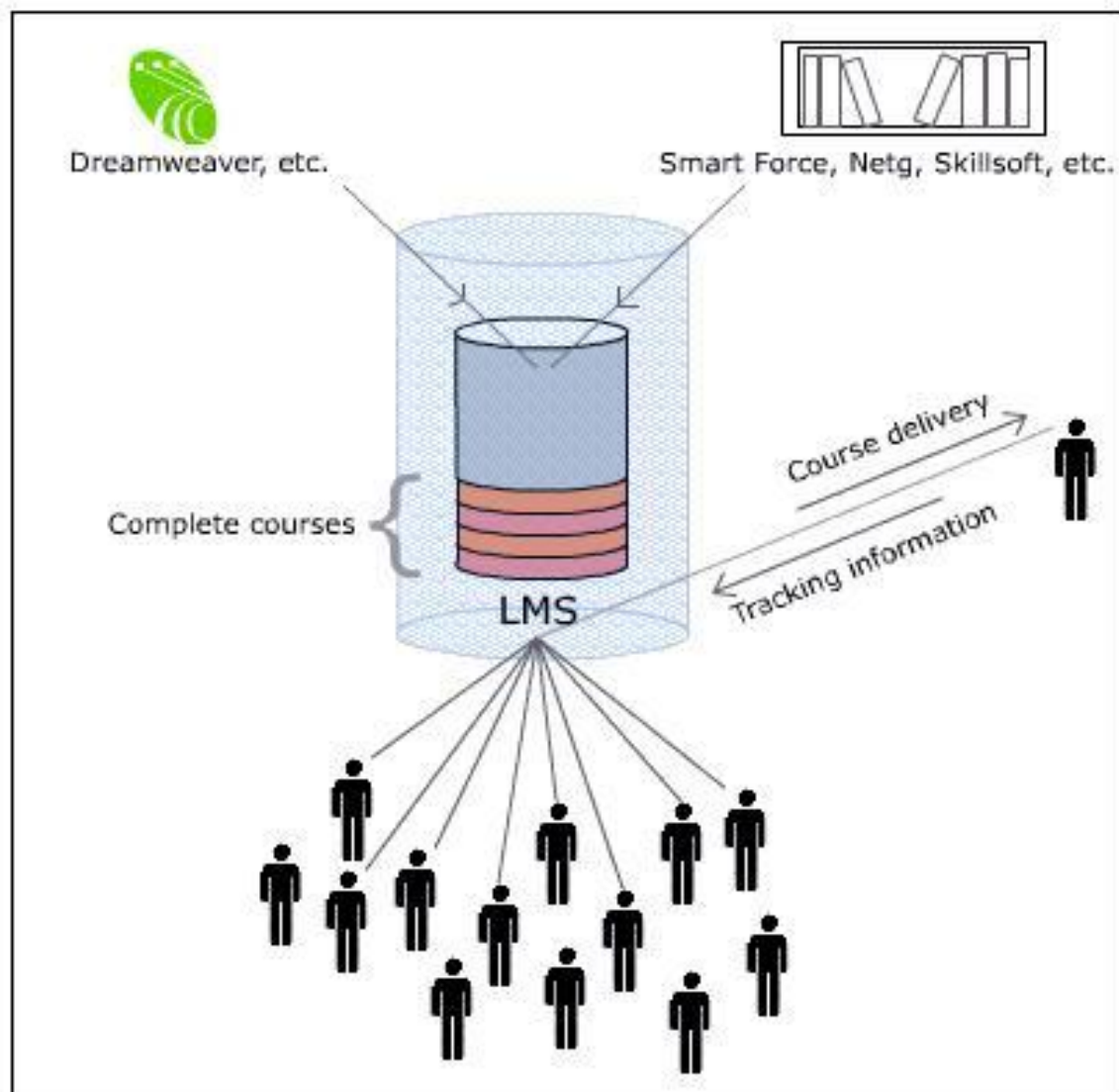


DEFINITION

- **Learning Management System (or LMS)** is a broad term used to describe software tools designed to manage user learning interventions and provide access to online learning services for students, teacher, and administrator.
- A software system, that allows the development and delivery of educational courses using the Internet as a delivery system.



one course --> many learners



LMS Platforms

Open source

- ATutor Bazaar
- Bodington
- DoceboLMS
- Dokeos e-Learning XHTML Editor
- Fle3
- GaneshaLMS
- ILIAS
- interact
- KEWL.Nextgen
- LRN
- Moodle
- OLAT
- Mitechsoft

Commercial

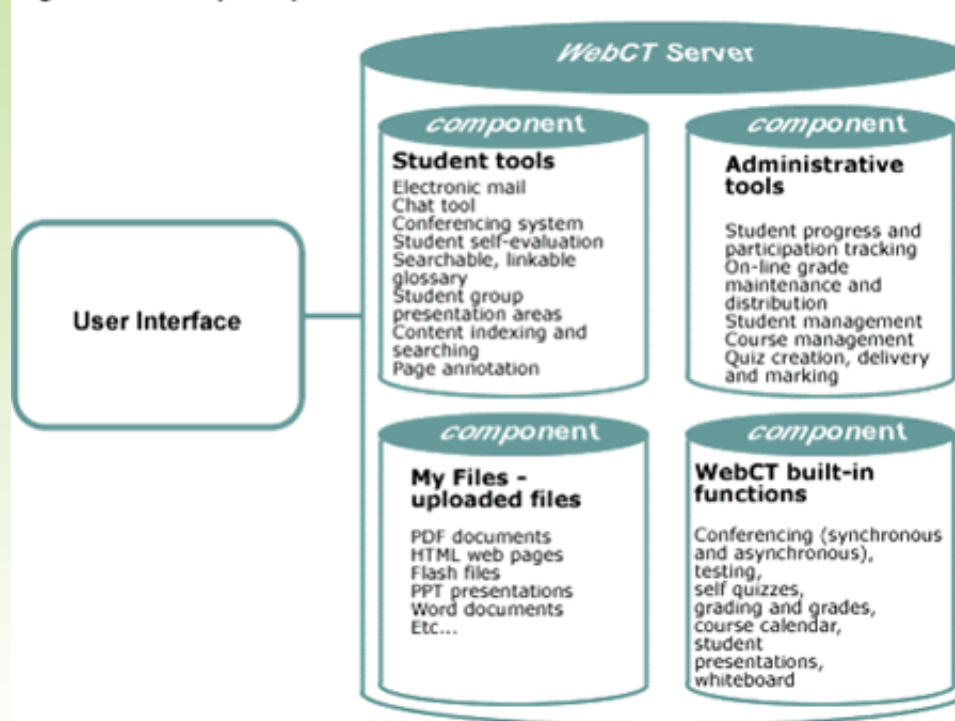
- ANGEL Learning
- Apex Learning
- Blackboard Inc.
- Desire2Learn
- eCollege
- Learn.com
- Meridian KSI
- Saba Software
- SAP Enterprise Learning



EXAMPLE OF LMS

- Examples of well-known LMS systems are
 - **WebCT**: a proprietary company providing hosting or software for some universities.

Figure 1: Primary Components of the WebCT LMS



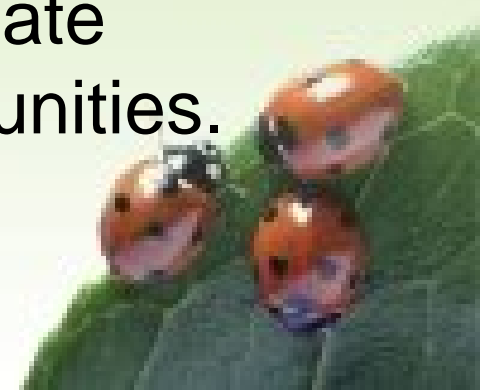


Blackboard
Educate. Innovate. Everywhere.

Blackboard : Popular learning software provider and ASP portal for education.



Moodle : a free, Open Source software package, to help educators create effective online learning communities.





There is a
smarter way in **teaching**
and **learning...**

Mitechsoft LearningCube provides your organization ways to cost-effectively develop and manage e-learning. You can deliver sophisticated training to geographically dispersed students, employees or customers whenever and wherever they need it.

[Click for more...](#)



There is a
smarter way to manage
your **documents...**

Learn how File Management System and Information Management System module in Mitechsoft WebCube can help you manage and share your documents.

[Click for more...](#)



LEARNING CUBE

- Allows you to provide members of your community with tools to develop, implement and share effectively the available technology to improve their intra and inter-organizations learning process.
- With this centralized method of delivery and tracking of learning process you can save a lot of administrative time and effort to manage your learning community.



FEATURES OF LEARNING CUBE

- Announcement Facility
 - Notes Facility
 - Document Facility
 - Forum Facility
 - Multimedia Gallery
- Learning Track Facility
 - Links Facility
 - References Facility
 - News Facility
 - Assignment Facility
 - Assessment Facility
- Portfolio Management Facility
- LearningCube Portal Facility



ANNOUNCEMENT FACILITY

The screenshot shows a web application interface for a portfolio management system. On the left is a blue sidebar with a 'cube' logo and a list of navigation links: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The main content area has a top navigation bar with links for Desktop, Personal, Community, eCube, Web Center, Catalog, and Admin. Below this, the user 'Kausahawan' is logged in, and the page title is 'Portfolio Announcement'. There are tabs for 'All', 'Today', and 'Last 7 days', with 'All' selected. A 'View All Announcement' link is present. A filter for 'Announcement type' is set to 'All'. Two announcements are listed: 1. 'New Assignment - Kertan Kerja' by admin@pusatsekolah.com, dated Monday 15 September 2008, and 2. 'Pelaksanaan Ciri-Ciri Siswa Ummat Berprestasi' by Dendang Muli Ika, dated Friday 19 September 2008. The footer includes a search bar, a 'Print/Save' button, and a copyright notice for 2008.

cube

Portfolio Information
Announcements
Notes
Documents
Forum
Learning Tracks
Links
References
News
Assignments
Assessments
Portfolio Manager

Desktop Personal Community eCube Web Center Catalog Admin

Kausahawan

Portfolio Announcement

All Today Last 7 days Page: 1 / Total Records: 2

[View All Announcement](#)

Announcement type: All

1. [New Assignment - Kertan Kerja](#)

You Have New Assignment
Assignment Title : Kertan Kerja
Due Date : Thursday 15 September 2008 (08:00)

posted by admin@pusatsekolah.com Monday 15 September 2008

2. [Pelaksanaan Ciri-Ciri Siswa Ummat Berprestasi](#)

Di sampaikan oleh Tim (Muhaimin Muhaimin)

posted by Dendang Muli Ika Friday 19 September 2008

Copyright © 2008 oleh Pusat Teknologi Pendidikan, Malaysia

Find module Print/Save

NOTES FACILITY

http://cube.giatsentral.com - Memulakan Perniagaan - Mozilla Firefox

 Memulakan Perniagaan

Notes Viewer 1.1

Table of Contents

- ☐ #. [Merancang Perniagaan Anda](#)
- ☐ #. [Bentuk-bentuk Perniagaan](#)
click modify to change
- ☐ #. [Keempunyaan Tunggal](#)
click modify to change
- ☐ #. [Perkongasian](#)
click modify to change
- ☐ #. [Syarikat](#)
click modify to change
- ☐ #. [Hak dan Tanggungjawab](#)
Hak dan Tanggungjawab syarikat
- ☐ #. [Francois](#)
click modify to change
- ☐ #. [Membiayai Perniagaan Anda](#)
click modify to change
- ☐ #. [Tips Usahawan Terbilang](#)
oleh Dato' Dr. Hj. Mohd. Fadillah Kamboh

Index Print My Notes Close Jump to page 0 of 9

 Done

DOCUMENT FACILITY

The screenshot displays the eCube LMS interface. On the left is a blue sidebar with a menu containing: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The main content area is titled 'Kausshawanar Portfolio Documents' and includes tabs for 'All', 'Today', 'Last 7 days', and 'Folder View'. Below these tabs is a 'View All Document' link and a 'Document Category' dropdown menu set to 'All'. A document titled 'Draft of mail All about in your computer will' is shown with a Microsoft Word icon. The document's metadata includes 'File Size: 1.1 KB', 'Created by: You', and 'Created by: You on 10/10/2011'. The footer of the interface shows the eCube logo, a search bar, and the text 'Copyright © 2011, 2012, 2013 eCube™ Technology, Malaysia'.

Portfolio Information
Announcements
Notes
Documents
Forum
Learning Tracks
Links
References
News
Assignments
Assessments
Portfolio Manager

Settings Help Logout
System Administrator | admin@platformal.com | System

Desktop Personal Community e-Cube Info Center Catalog Admin

Kausshawanar
Portfolio Documents

All Today Last 7 days Folder View Pages: 0 / Total Documents: 0

View All Document

Document Category: All

Draft of mail All about in your computer will

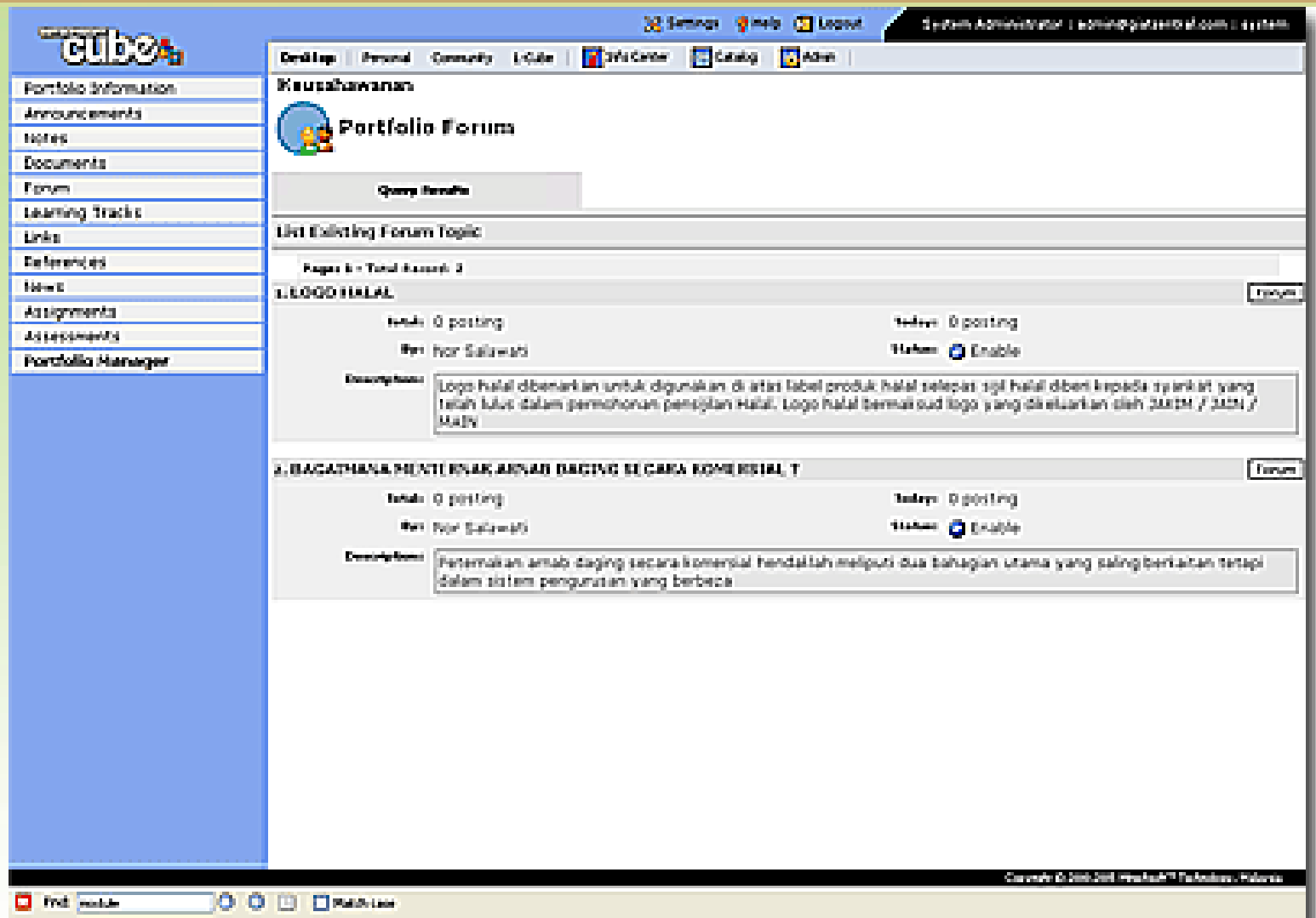
File Size: 1.1 KB by You

File

Created by: You on 10/10/2011

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FORUM FACILITY



The screenshot displays the eCube LMS interface with a forum facility. The left sidebar contains navigation links: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The top navigation bar includes links for Settings, Help, Logout, and a user profile (System Administrator). The main content area is titled 'Kerjasama' and 'Portfolio Forum'. It shows a 'List Existing Forum Topic' section with two topics:

- 1. LOGO HALAL**
Topic: 0 posting, Views: 0 posting, Status: Enable
Description: Logo halal dibenarkan untuk digunakan di atas label produk halal selepas uji halal diberi kepada syarikat yang telah lulus dalam permohonan pengijilan Halal. Logo halal bermaksud logo yang dikeluarkan oleh JAKIM / JAM / MAM.
- 2. BAGAIMANA MENJUALKAN DAGING SECARA KOMERSIAL**
Topic: 0 posting, Views: 0 posting, Status: Enable
Description: Penjualan daging secara komersial hendaklah meliputi dua bahagian utama yang saling berkaitan tetapi dalam sistem pengurusan yang berbeza.

The bottom of the interface shows a Windows taskbar with the address bar displaying 'http://localhost' and a system clock showing '12:45:10 PM 12/12/2012'.

MULTIMEDIA GALLERY FACILITY

The screenshot displays the 'e-Learning Cube' Multimedia Gallery Manager web application. The interface is divided into a left sidebar with navigation links and a main content area for managing multimedia files.

Left Sidebar Navigation:

- Announcements Manager
- Notes Manager
- Documents Manager
- Forum Manager
- Learning Track Manager
- Links Manager
- Multimedia Manager
- Reference Manager
- News Manager
- Assignments Manager
- assessments Manager**
 - Question Bank Manager
 - Quiz Manager
 - Survey Manager
 - Grade Manager
 - Survey Result Manager
- Users Manager
- Users Portfolio Page

Main Content Area:

- Header:** Includes 'e-Learning Cube' logo, user profile 'Staff@cube', and navigation tabs: 'Dashboard', 'Personal', 'Community', 'e-Cube', 'Info Center', 'Catalog', 'Admin'. A system administrator notice is visible in the top right.
- Actions:** 'New Multimedia File' button.
- Views:** 'List view (default)' and 'Folder View' tabs.
- Filter:** 'Multimedia Folders' dropdown menu with 'All' selected and a 'Submit' button.
- Page Info:** 'Pages: 1 2 3 4 5 - Total Records: 20'.
- File List:**
 - 1. 20x25.jpg** is the original
 - Thumbnail:
 - Actions: ☐ Enable
 - Info: By Board for Mat Sec on Thursday 01 September 2006
 - Links: [View Image](#) | [Download](#)
 - Description: N/A
 - Buttons: [Modify](#) [Remove](#)
 - 2. a.xml** is the original
 - Thumbnail:
 - Actions: ☐ Enable
 - Info: By user kalam on Thursday 01 September 2006
 - Links: [View Link](#) | [Download](#)
 - Description: N/A
 - Buttons: [Modify](#) [Remove](#)
 - 3. business.jpg** is the original
 - Thumbnail:
 - Actions: ☐ Enable
 - Info: By Board for Mat Sec on Thursday 01 September 2006
 - Links: [View Image](#) | [Download](#)
 - Description: N/A
 - Buttons: [Modify](#) [Remove](#)
 - 4. dummy copy.png** is the original
 - Thumbnail:
 - Actions: ☐ Enable
 - Info: By Board for Mat Sec on Thursday 01 September 2006
 - Links: [View Image](#) | [Download](#)
 - Description: N/A
 - Buttons: [Modify](#) [Remove](#)
 - 5. euro1.jpg** is the original
 - Thumbnail:
 - Actions: ☐ Enable
 - Buttons: [Modify](#) [Remove](#)

Footer: Copyright © 2002-2007 The e-Learning Cube - All Rights Reserved.

LEARNING TRACK FACILITY

The screenshot displays the L-Cube Learning Track Facility interface. The sidebar on the left contains the following links: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The top navigation bar includes links for Settings, Help, Logout, and a user profile section for 'System Administrator' with a link to 'admin@lucube.com'. The main content area is titled 'Portfolio Learning Track' and shows a 'Query Results' section. Below this, there is a table titled 'List Existing Learning Track' for 'Usahawan 1'.

No.	Learning Track (Item)	Module	Options	Status
1.	Kuala Usahawan 2	quiz	Recommended	Not Started
2.	Membuatkan Perancangan	module	Required	Completed

At the bottom of the interface, there is a footer with the text 'Copyright © 2009-2011 HwaAra™ Technology, Malaysia'.

ASSIGNMENT FACILITY

The screenshot displays the L-Cube web application interface. On the left is a blue sidebar with a vertical menu containing the following items: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The main content area has a top navigation bar with links for Settings, Help, Logout, and a user profile section for 'System Administrator' with a link to 'admin@lucubeportal.com'. Below this is a sub-navigation bar with links for Desktop, Personal, Community, L-Cube, Info Center, Catalog, and Admin. The main heading is 'Krusshawanana Portfolio Assignment', accompanied by a small icon of a hand pointing to a document. There are three tabs: 'All' (selected), 'Today', and 'Last 7 days'. To the right of the tabs is a text label 'Pages: Total Records: 0'. Below the tabs is a link 'View All Assignment'. A filter section shows 'Assignment Type' with a dropdown menu set to 'All'. The main content area is mostly empty, with a message 'No Assignments available for this Query' and a 'Submit' button. At the bottom, there is a footer with 'Copyright © 2008-2009, Lucube™ Technology, Malaysia' and a Windows taskbar at the very bottom showing the 'FIND' search bar and 'Run: Lucube'.

Settings Help Logout System Administrator admin@lucubeportal.com

Desktop Personal Community L-Cube Info Center Catalog Admin

Krusshawanana Portfolio Assignment

All Today Last 7 days Pages: Total Records: 0

View All Assignment

Assignment Type: All

No Assignments available for this Query Submit

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ASSESSMENT FACILITY

The screenshot displays the e-Portfolio system interface. On the left is a sidebar with navigation links: Portfolio Information, Announcements, Notes, Documents, Forum, Learning Tracks, Links, References, News, Assignments, Assessments, and Portfolio Manager. The top navigation bar includes links for Settings, Help, Logout, System Administrator, e-Portfolio Central, and System. The main content area shows the user 'Kerashawanan' and the title 'Online Test'. Below this, there is a login form with a text input field for the password and a 'Take This Test Later' button. The form also displays a message: 'You need a Password in order to Take This Test. Please enter the test password below:'. The bottom of the interface shows a footer with the text 'Copyright © 2010-2011 e-Portfolio™ by Andrius, Indonesia'.

Portfolio Information

Announcements

Notes

Documents

Forum

Learning Tracks

Links

References

News

Assignments

Assignments

Portfolio Manager

Questions List

1	2	3															
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Instructions

Question # 1

Multi Choice

2

Points

Q. $1 + 2 =$

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

Submit Answer

Unsure

End Quiz

ROLE OF LMS

- Registration and charging
- Managing the process
- Testing
- Mentoring and monitoring
- User's function
- Administrator functions



ADVANTAGES OF LMS

- Ability of an LMS to allow you to fully manage and track your own learning.
- Provide support for distance learning.
- Purposefully designed
 - Mature
 - Safe and Secure
 - Ease of Use
 - Centrally Supported



DISADVANTAGES OF LMS

- Cost – Expensive to create.
- Time required to install necessary hardware, software, course and database.
- Not designed to be stand-alone.
- Need for a LMS Administrator.



THANK YOU

